Resuscitation, 15 (1987) 311–312
Elsevier Scientific Publishers Ireland Ltd.

CONTENTS
Volume 15 (1987)

Special Issue: Resuscitative Thoracotomy

Introduction 1–8
Open chest cardiac massage: an overview
by L.M.R. Del Guercio 9–11
Open versus closed chest cardiac massage in non-traumatic cardiac arrest
by J.K. Alifimoff 13–21
Emergency Department thoracotomy for trauma: a collective review
by R.R. Ivatury and M. Rohman 23–35
Hemodynamic mechanisms in CPR: a theoretical rationale for resuscitative thoracotomy in non-traumatic cardiac arrest
by C.F. Babbs 37–50
Open-chest cardiac massage after closed chest compression in a canine model: when to intervene
by K.B. Kern, A.R. Sanders and G.A. Ewy 51–57
Resuscitative Thoracotomy Symposium — Panel Discussion 59–66
Literature of Resuscitation 67–74
Announcements 75–76

Differential lung ventilation: a review and 2 case reports
by A. Lev, E. Barzilay, D. Geber, H. Bishara and J. Prego 77–86
Effect of alterations in frequency, inspiratory time, and airway pressure on gas exchange during high frequency jet ventilation with normal lungs
by J.M. Calkins, C.K. Waterson, S.F. Quan, H.W. Militzer, C.W. Otto, T.J. Conahan and S.R. Hameroff 87–96
Theoretical effects of fluid infusions during cardiopulmonary resuscitation as demonstrated in a computer model of the circulation
by C.A. Tomaszewski and S.A. Meador 97–112
Fluid loading with whole blood or Ringer's lactate solution during CPR in dogs
by W.D. Voorhees III, S.H. Ralston, C. Kougias and P.M.W. Schmitz 113–123
The respiratory aspect of the treatment of brain injury associated with acute alcohol intoxification — results of an animal experiment
E. Pfenninger, I. Bowdler, R. Novak, A. Grünert and J. Kilian 125–133
Emergency endotracheal drug administration using aerosol
by D.J. Steedman and C.E. Robertson 135–139
Literature of Resuscitation 141–146
Announcements 147–148

Mechanisms of ischemic cerebral injury
by J. Kaplan, R.V.W. Dimlich, M.H. Biros and J. Hedges 149–169
Late neuropathological consequences of strangulation
by R.K. Simpson, Jr., J.C. Goodman, E. Rouah, N. Caraway and D.S. Baskin 171–185
Prevention by granulocyte depletion of endotoxin-induced adult respiratory distress syndrome. An experimental study in pigs
by J. Modig and T. Samuelsson 187–199

Pulmonary barotrauma during cardiopulmonary resuscitation
by D. Shulman, B. Beilin and D. Olshwang . . . . . 201—207
Successful resuscitation using transcutaneous cardiac pacing
by E. Barthell, P. Troiano, H.A. Stueven, J. Schwartz and B. Thompson . . 209—216

International Note
Results and prospects of development of modern reanimatology
by O.G. Ivunina . . . . . 217—220

Literature of Resuscitation . . . . . 221—225

Severe cardiovascular changes associated with pancuronium after cardiopulmonary resuscitation and after brain injury
by M. Uchida, K. Tachibana, K. Fujise, T. Tazaki and T. Komatsu . . . . . 227—231
Triiodothyronine increases survival in canine hemorrhagic shock
by H. Shigematsu, R.A. Smith and C.H. Shatney . . . . . 233—243
Changes of intracellular homeostasis in brain cortical structures during anoxia in vivo and in vitro
by J.W. Lazarewicz, M.O. Samoilov and D.G. Semenov . . . . . 245—255
Effect of hetastarch resuscitation on extravascular lung water and cardiopulmonary parameters in a sheep model of hemorrhagic shock
by J.A. Layon and T.J. Gallagher . . . . . 257—265
Resuscitation of the rabbit brain after acute complete ischemia lasting up to one hour: pathophysiological and pathomorphological observations
by R. Pluta . . . . . 267—287
Legal and ethical aspects of resuscitation: an annotated bibliography of recent literature
by M.B. Kapp . . . . . 289—297
Literature of Resuscitation . . . . . 299—302
Announcements 303
Subject Index Volume 15 . . . . . 305—307
Author Index Volume 15 309
Contents Volume 15 . . . . . 311—312